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Name: **C. FONG**

By: *C. Fong*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JUL 24 2003

In re application of:

Frederic J. de SAUVAGE, et al.

Application Serial No. 09/272,835

Filed: March 19, 1999

For: **GFRα3 AND IS USES**

Art Unit: 1647

Examiner: Robert Hayes

Attorney's Docket No: 39766-0065A

TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents – **Attn: Examiner Robert Hayes**
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

On July 10, 2000, the law firm of Knobbe, Martens, Olsen & Bear submitted to the U.S. Patent and Trademark Office for filing an Information Disclosure Statement and Form PTO-1449 with three references (Kramer; Claesson-Walsh; and Nakamura), see copy attached. Confirmation that this Information Disclosure Statement was received by the United States Patent and Trademark Office was indicated in an Office Action dated October 27, 2000 (copy attached). However, in that Office Action, Examiner Robert Hayes initialed only two of the three references, stating that the Nakamura et al. reference was missing. In order to insure the consideration of this reference, applicants hereby provide a copy of Nakamura et al. Since a fee of \$240.00 was paid at the initial time of mailing, Applicants believe that no fee should be associated with this paper.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. **08-1641**, referencing Attorney's Docket No. **39766-0065A**.

Respectfully submitted,

By: *James A. Fox*

James A. Fox (Reg. No. 38,455)

Dated: July 16, 2003

HELLER EHRMAN WHITE & McAULIFFE LLP
275 Middlefield Road
Menlo Park, CA 94025-3506
(650) 324-7000



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : DeSavage et al.) Group Art Unit 1644
App. No. : 09/272,835)
Filed : March 19, 1999)
For : GFRalpha3 AND ITS USES)
Examiner : R. Hayes)

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing date of a notice of allowance under 37 C.F.R. § 1.97(c), (1), (2). This statement is accompanied by the fee set forth in 37 C.F.R. § 1.17(p). A duplicate copy of this Statement is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 10, 2000

By: James J. Mullen III

James J. Mullen III, Ph.D.

Registration No. 44,957

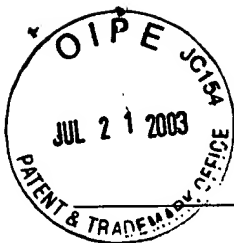
Attorney of Record

620 Newport Center Drive

Sixteenth Floor

Newport Beach, CA 92660

(949) 760-0404



PATENT

Case Docket No. GENENT.065A

Date: July 10, 2000

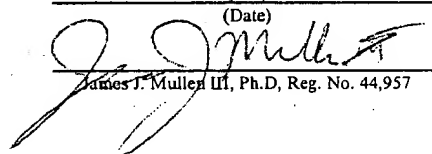
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : DeSauvage et al.
Appl. No. : 09/272,835
Filed : March 19, 1999
For : GFRalpha3 AND ITS USES
Examiner : R. Hayes
Group Art Unit : 1644

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July 10, 2000

(Date)


James J. Mullen III, Ph.D, Reg. No. 44,957

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
ATTENTION: APPLICATION BRANCH

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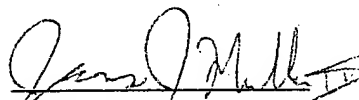
JUL 24 2003

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Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) A Supplemental Information Disclosure Statement.
- (X) A PTO Form 1449 with three (3) references.
- (X) A check in the amount of \$240 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Return prepaid postcard.


James J. Mullen III, Ph.D.
Registration No. 44,957
Attorney of Record

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JD

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
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|-----------------|-------------|----------------------|---------------------|

09/272,835 03/19/99 DE SAUVAGE

F P1268R1

EXAMINER

HM22/1027

KNOBBE, MARTENS, OLSON & BEAR, LLP
620 NEWPORT CENTER DRIVE,
SIXTEENTH FLOOR
NEWPORT BEACH CA 92660-4990

HAYES, R

ART UNIT

PAPER NUMBER

1647

DATE MAILED:

10/27/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

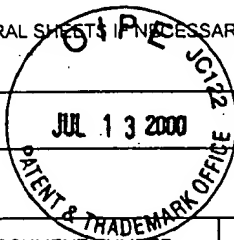
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| DOCKETED ON | NOV 12 2000 |
| BY | HB |
| AGENCY | Amendment Due |
| RECEIVED | Jan 27, 2001 |
| FILED DEADLINE | Apr 127, 2001 |
| ATTORNEY VERIFICATION | GRD |
| ANNUAL DEADLINE | |

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|---|--|---------------------------------|-------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GENENT.065A | APPLICATION NO. 09/272,835 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT DeSavage et al. | |
| | | FILING DATE March 19, 1999 | GROUP 1644-1647 |



| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|------|------|-------|----------|---------------------------------|--|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|---|
| RCV | Kammer et al., "Homodimerization of Interleukin-4 Receptor α Chain Can Induce Intracellular Signaling" <u>JOURNAL OF BIOLOGICAL CHEMISTRY</u> Vol. 271, No. 39:23634-23637 (1996) |
| ↓ | Claesson-Welsh, "Signal Transduction by the PDGF Receptors" <u>PROGRESS IN GROWTH FACTOR RESEARCH</u> Vol. 5:37-54 (1994) |
| no copy | Nakamura et al., "An Epidermal Growth Factor Receptor/Jak2 Tyrosine Kinase Domain Chimera Induces Tyrosine Phosphorylation of Stat5 and Transduces a Growth Signal in Hematopoietic Cells" <u>JOURNAL OF BIOLOGICAL CHEMISTRY</u> Vol. 271:19488-19488 (1996) |
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| EXAMINER <i>P. J. Hays</i> | DATE CONSIDERED 10/17/00 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP.609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |